

# **Appendix G: TRANSPORT CANADA APPROVAL**



Navigation Protection Program (NPP)  
344 Edmonton Street  
Winnipeg, MB  
R3C 0P6

Our file: 1988-600001  
Registry number: 6280

December 7, 2022

City of Winnipeg  
1155 Pacific Ave Unit 106  
Winnipeg, MB  
R3E 3P1

**Attention: Damir Muhurdarevic**

**RE: Approval under the *Canadian Navigable Waters Act (CNWA)*, for the alteration and/or placement of the following works below located on the Red River, at approximately 49° 51' 19.7 N, 97° 7' 36.7 W, St. Vital Bridge, in the City of Winnipeg, in the Province of Manitoba.**

Approved work(s):

- **Bridge**
- **Erosion-protection work**

Please find enclosed an approval for the above-noted work issued by the Minister of Transport under subsection 7(6) of the CNWA. This approval replaces any previous approvals that have been issued in relation to this work (if any) and will be the sole approval for this work until such time as a new approval is issued for any future changes.

In order to issue this approval, the Minister has considered each of the factors listed in subsection 7(7) of the Act, additional information provided by you (if applicable) and any adverse effects that the decision to approve the work may have on the rights of the Indigenous peoples of Canada recognized and affirmed by section 35 of the *Constitution Act, 1982*.

Please note that the CNWA, amongst other obligations, requires the owner to immediately notify the Minister if the work causes or is likely to cause serious and imminent danger to navigation, to take reasonable measures to mitigate potential dangers and to remedy any adverse effects that result from that danger to navigation.

This approval relates only to the interference of your work with navigation under the CNWA and does not grant any rights related to the ownership of the bed of the navigable water.

Please note that it is the owner's responsibility to comply with any other applicable laws and regulations.

**Please contact our office in the Prairie and Northern Region for any questions, by phone at 1-844-425-7787 or by e-mail at [NPPPNR-PPNRPN@tc.gc.ca](mailto:NPPPNR-PPNRPN@tc.gc.ca).**

Respectfully,

Jemma Harrison  
NPP Officer  
Programs Group  
Transport Canada  
Prairie and Northern Region

Attachment(s): 1988-600001 Approval Documents

Navigation Protection Program (NPP)  
344 Edmonton Street  
Winnipeg, MB  
R3C 0P6

Our file: 1988-600001  
Registry number: 6280

## APPROVAL

**OWNER:** **City of Winnipeg**  
**1155 Pacific Ave Unit 106**  
**Winnipeg, MB**  
**R3E 3P1**

**SITE LOCATION:** **Located on the Red River, at approximately 49° 51' 19.7 N, 97° 7' 36.7 W, St. Vital Bridge, in the City of Winnipeg, in the Province of Manitoba.**

**WORK(S):**

- **Bridge**
- **Erosion-protection work**

As per the application (detailed above) to the Minister of Transport, submitted pursuant to the *Canadian Navigable Waters Act*, for an approval of the work per the attached plan(s): Cover Sheet – Location Plan, Scope Of Work, Existing General Arrangement, Proposed General Arrangement, Navigation Light Detail and Annex A, the Minister hereby approves the work pursuant to subsection 7(6) for the alteration and/or placement of the above mentioned work, in accordance with the following terms and conditions:

1. All vessels navigating the watercourse must be allowed access through or around the work site at all times during construction and must be assisted as necessary.
2. Signs stating "Construction Ahead" must:
  - a. Be placed and maintained 200 metres upstream and 200 metres downstream of the work during all periods of open water.
  - b. Be placed on both banks of the river.
  - c. Be legible from a minimum distance of 100 metres.
  - d. Display black lettering on a yellow or orange background.
3. Temporary works placed within the ordinary high watermark during all periods of open water must be marked:
  - a. With cautionary buoy(s) (yellow) at each end (corner) and at any other location alongside the temporary work(s) so that the buoys are spaced not more than 10 metres apart during all periods of in stream activity; and
  - b. With yellow flashing lights at each end (corner) and at any other location so that the lights are spaced not more than 10 metres apart from dusk till dawn and during all periods of restricted visibility.
4. A minimum navigational clearance of 5 metres vertical by 35 metres horizontal must be maintained during all periods of open water.
5. An air draft gauge constructed as shown in sample drawing "Annex A" must:
  - a. be placed on Pier 5 during all periods of open water while the temporary work platform is in place; and
  - b. be aligned to descend from the bottom soffit of the temporary work platform.
6. Retro-reflective markings providing a reflective surface of not less than 10cm x 30cm each, must be installed at 1 metre intervals around the bottom soffit of the temporary work platform.
7. Temporary work(s) must be removed immediately upon completion of the permanent work.
8. Navigation Lights indicated on Drawing No. 4 (Proposed General Arrangement) must be white in colour.

9. The Minister or his representatives must be allowed unimpeded access to any site related to the project for inspection and/or monitoring purposes.

**SIGNED ON December 7, 2022**  
**at the NPP regional office of the Prairie and Northern Region**



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Jemma Harrison  
NPP Officer  
Programs Group  
Transport Canada  
Prairie and Northern Region  
For the Minister of Transport

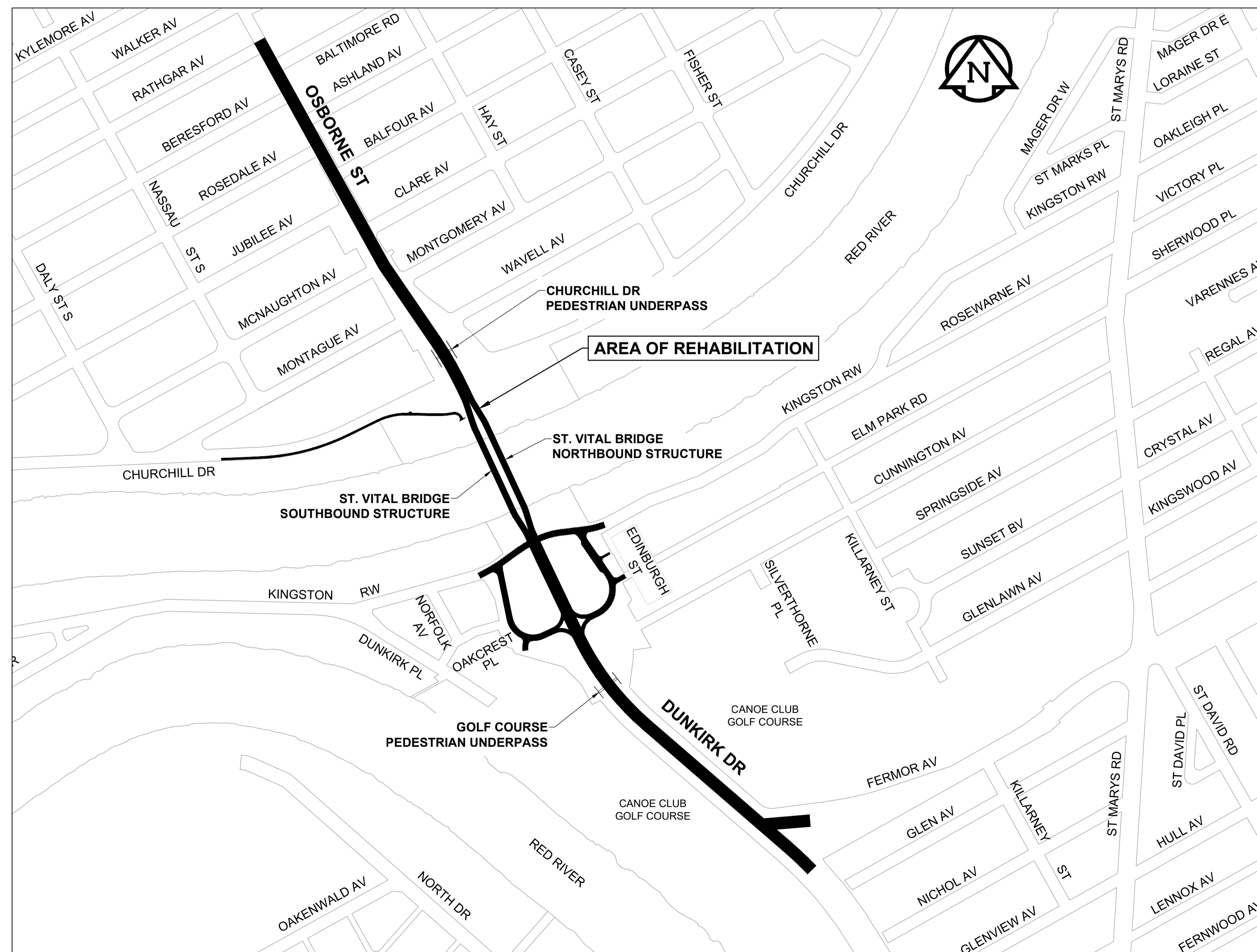
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# THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION



## ST. VITAL TWIN BRIDGE OVER THE RED RIVER REHABILITATION AND RELATED WORKS

### TENDER No. 615-2022



**LOCATION PLAN**  
SCALE: 1:5000  
0 50 100 200 300m

#### DRAWING LIST

SHEET No.	DESCRIPTION
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BRIDGE REHABILITATION	
1	COVER SHEET - LOCATION PLAN
2	SCOPE OF WORK
3	EXISTING GENERAL ARRANGEMENT
4	PROPOSED GENERAL ARRANGEMENT



ISSUED FOR REGULATORY APPROVAL

RELEASED FOR CONSTRUCTION BY:

STREETS PROJECT ENGINEER

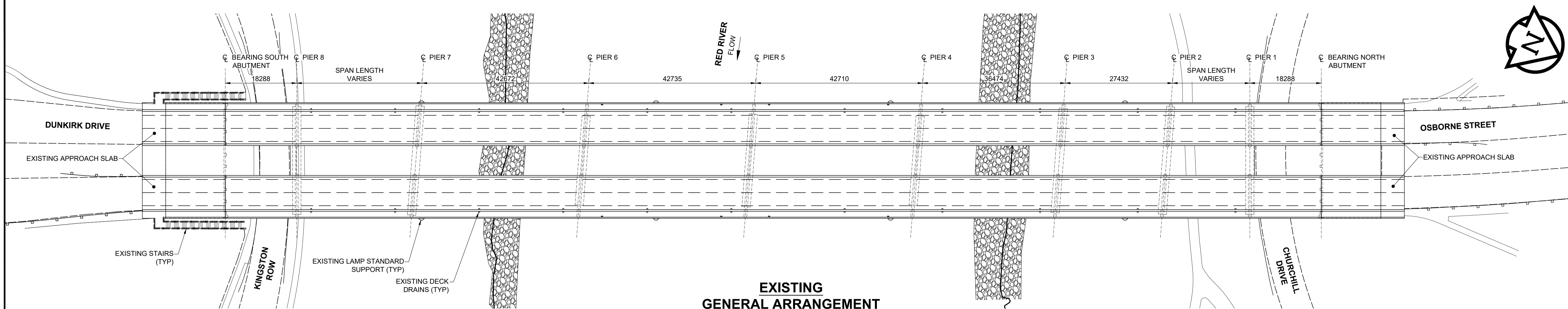
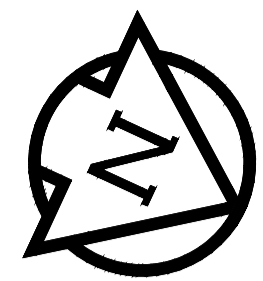
DATE

CITY DRAWING NUMBER
SHEET 1 OF 4
DRAWING NUMBER
1



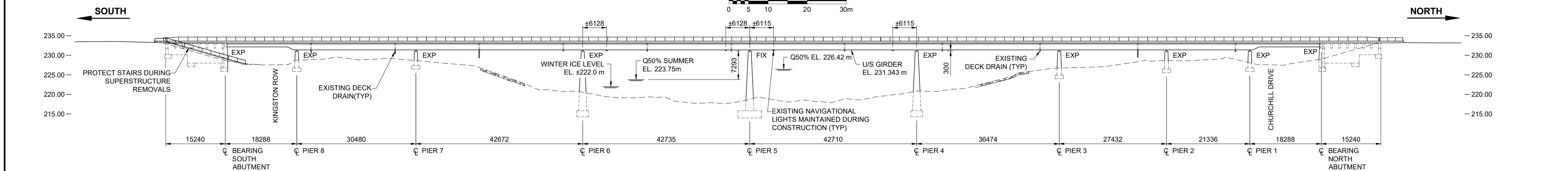






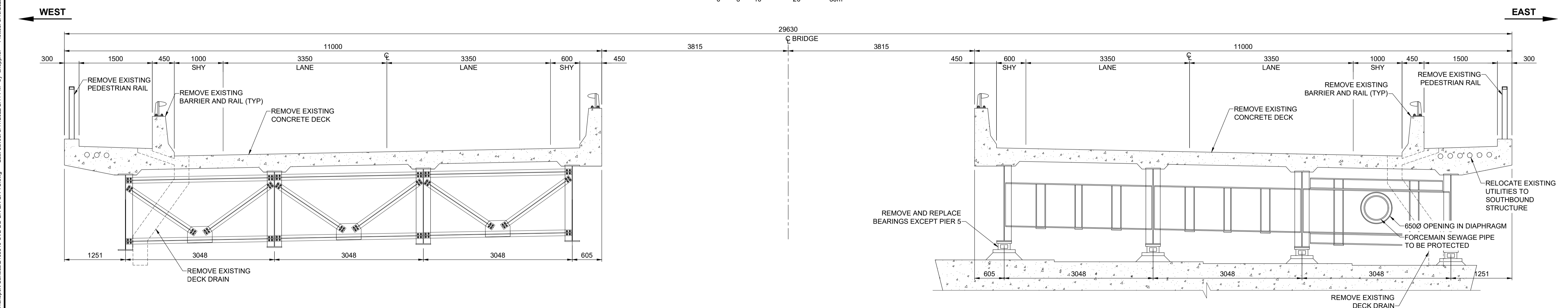
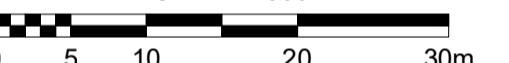
**EXISTING GENERAL ARRANGEMENT**

SCALE: 1:500



**EXISTING DOWNSTREAM LONGITUDINAL SECTION**

SCALE: 1:500



**EXISTING CROSS SECTION**

SCALE: 1:40



**HALF SECTION AT MIDSPAN**

**HALF SECTION AT SUPPORT**

**Reviewed / Examiné**

Date: December 7, 2022

By: JEMMA HARRISON  
Navigation Protection Program /  
Programme de Protection de la Navigation

**LOCATION APPROVED UNDERGROUND STRUCTURES**

BM 54-006 ELEV 228.166 m

NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

DESIGNED BY	CHECKED BY
DRAWN BY	APPROVED BY
HOR SCALE	AS NOTED
VERT SCALE	AS NOTED
ISSUED FOR REGULATORY APPROVAL	22/08/17
REVISIONS	YYMMDD BY DATE



PROFESSIONAL'S SEAL

**ISSUED FOR REGULATORY APPROVAL**

CONSULTANT FILE NAME  
2103510-SVB DD-BR-EX GA-TC.dwg

**THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION**

**ST. VITAL TWIN BRIDGE OVER THE RED RIVER REHABILITATION AND RELATED WORKS**

**BRIDGE REHABILITATION EXISTING GENERAL ARRANGEMENT**

CITY FILE NUMBER

SHEET 3 OF 4

DRAWING NUMBER

**3**

**METRIC**

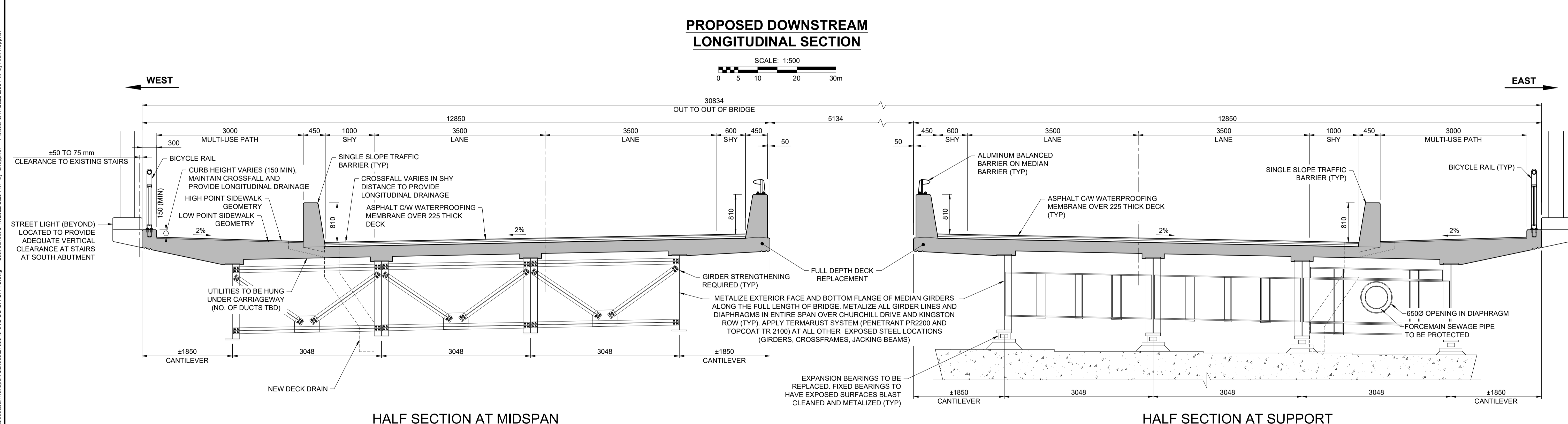
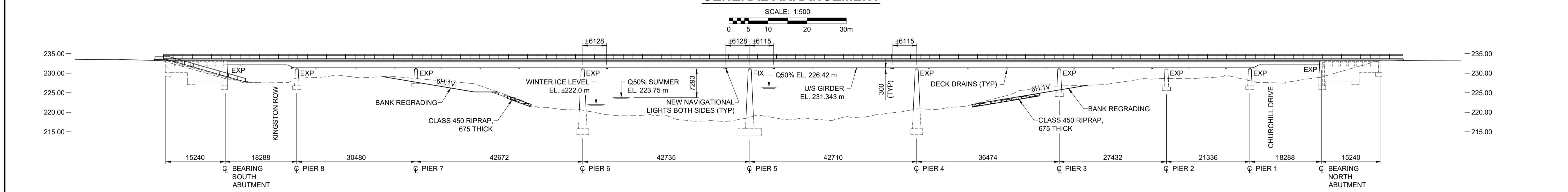
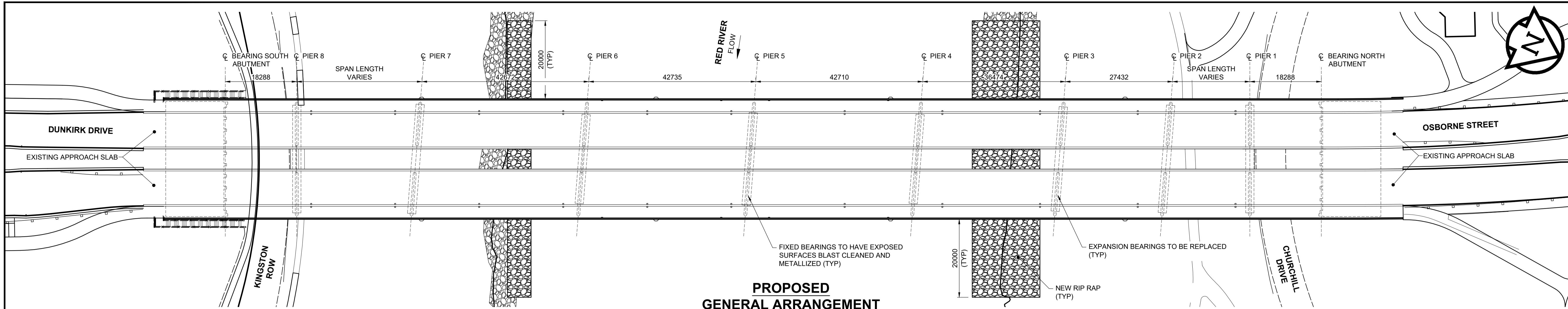
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**ENGINEERS GEOSCIENTISTS MANITOBA**

Certificate of Authorization  
MORRISON HERSHFIELD  
No. 1736

TENDER No. 615-2022





**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**Reviewed / Examiné**

Date: **December 7, 2022**

By: *Jemma Harrison*

JEMMA HARRISON  
Navigation Protection Program /  
Programme de Protection de la Navigation

<p><b>LOCATION APPROVED UNDERGROUND STRUCTURES</b></p> <p>BM 54-006 ELEV 228.166 m</p> <p>Tbl. in S. face of E. Conc. pier in 1st row of Conc. piers N. of S. end of St. Vital Bridge over Red River, N. of Kingston Row, 5 m W. of E. end of Pier.</p> <p>DATE: AUG 15, 2022</p>	<p><b>MORRISON HERSHFIELD</b></p> <p>DESIGNED BY: _____</p> <p>DRAWN BY: _____</p> <p>HOR SCALE: 1:500</p> <p>VERT SCALE: OR AS SHOWN</p> <p>DATE: AUG 15, 2022</p>	<p>PROFESSIONAL'S SEAL</p> <p><b>ISSUED FOR REGULATORY APPROVAL</b></p> <p>CONSULTANT FILE NAME: 2103510-SVB-DD-BR-GA-TC.dwg</p>	<p><b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION</p> <p><b>ST. VITAL TWIN BRIDGE OVER THE RED RIVER REHABILITATION AND RELATED WORKS</b></p> <p>BRIDGE REHABILITATION PROPOSED GENERAL ARRANGEMENT</p>
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<p>CITY FILE NUMBER</p> <p>SHEET 4 OF 4</p> <p>DRAWING NUMBER</p> <p style="text-align: center; font-size: 24px;"><b>4</b></p>	
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L38x38x6

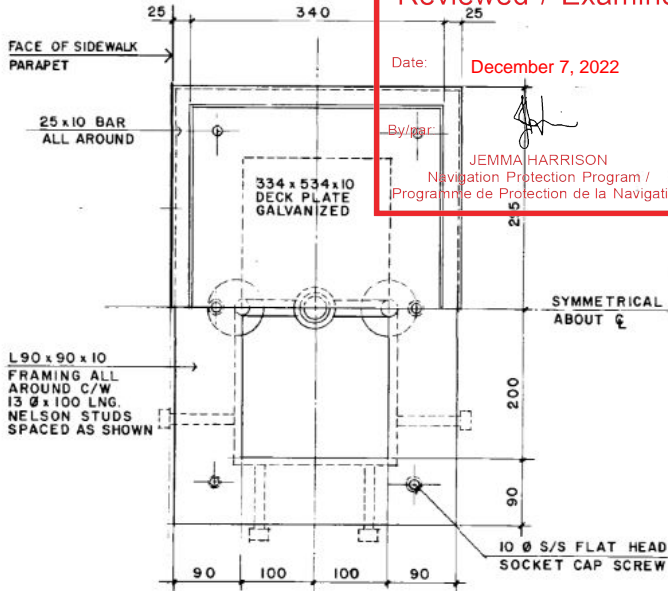
Reviewed / Examiné

Date: December 7, 2022

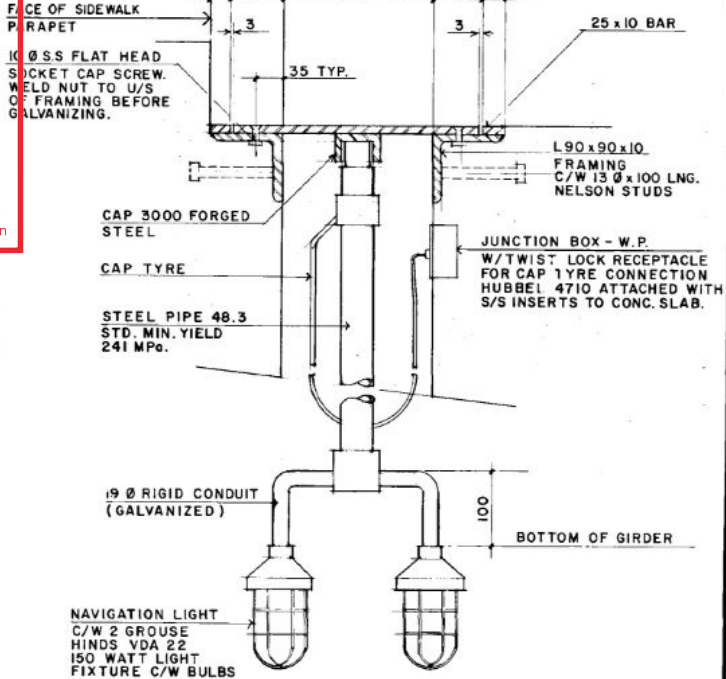
By/par:

JEMMA HARRISON

Navigation Protection Program / Programme de Protection de la Navigation



PLAN SC. 1:5



SECTION SCALE 1:5

TAIL NO. DRAWING WHERE DETAIL SHOWN DRAWING WHERE DETAIL TAKEN

WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

NAVIGATION LIGHT DETAIL

# ANNEX A

Level with Bridge Soffit



Air draft gauge is to be;

- 30cm wide
- bisected vertical
- exhibiting alternating yellow / black bars in half meter increments
- descending from the work platform soffit - displayed on upstream and downstream faces of central pier (pier 5)

 Transport Canada / Transports Canada

**Reviewed / Examiné**

Date: **December 7, 2022**

By/par: 

JEMMA HARRISON  
Navigation Protection Program /  
Programme de Protection de la Navigation

Water level variable

 Transport Canada / Transports Canada

Navigation Protection Program  
1100-9700 Jasper Ave  
Edmonton, Alberta, T5J 4E6

